

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Our Case No. 0600-12624US06)

IFW

In the Application of:

Steven D. Julstrom

Serial No.: 10/816,119

Filing Date: 4/1/2004

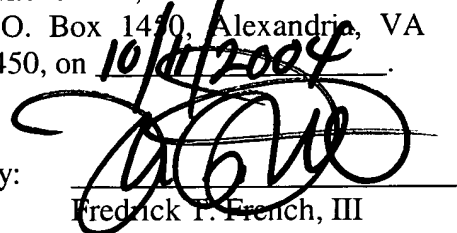
Examiner: To be assigned

Group Art Unit: 2643

**For:** Multi-Coil Coupling System For  
Hearing Aid Applications

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By:   
Frederick T. French, III  
Reg. No. 52,524

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Commissioner for Patents  
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Pursuant to 37 C.F.R. §1.97(g) and (h), the disclosure of these references in this Information Disclosure Statement shall not constitute a representation that a search for prior art was made or an admission that the references are material or that they are prior art.

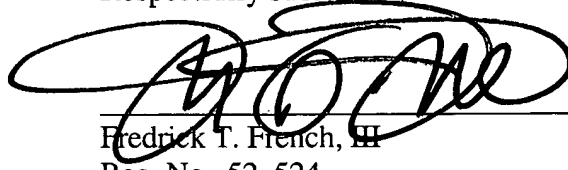
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Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'F. French, III', written over a horizontal line.

Fredrick T. French, III  
Reg. No. 52, 524  
Agent For Applicant

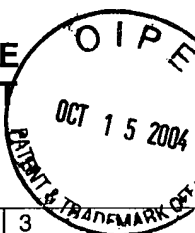
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/816,119
Filing Date	4/1/2004
First Named Inventor	Steven D. Julstrom
Group Art Unit	2643
Examiner Name	Unassigned
Attorney Docket Number	12624US06

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	6,112,103		Puthuff	
	A2	4,920,570		West, et al.	
	A3	5,824,022		Zilberman, et al.	
	A4	6,101,258		Killion, et al.	
	A5	5,796,821		Crouch, et al.	
	A6	6,320,959		Crouch, et al.	
	A7	6,694,034		Julstrom, et al.	
	A8	5,835,610		Ishige, et al.	
	A9	6,307,945		Hall	
	A10	2001/0055386	12-27-2001	Waldron, et al.	
	A11	2002/0141545	10-03-2002	Segovia	
	A12	2003/0152243		Julstrom, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A1	WO 01/52597 A1	07-19-2001	Etymotic Research, Inc.		

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A1	Centrum Sound Offers Oticon System, The Hearing Journal, October 1993 Vol. 46, No. 10
	A2	Public-Use Hearing Device From Four Point Design, The Hearing Journal, April 1992, Vol. 45, No. 4
	A3	Portable Handsfree for Hearing Aid Users, ENTNews, Vol. 10 No. 2, May/June 2001

EXAMINER  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary))		Application Number	10/816,119
		Filing Date	4/1/2004
		First Named Inventor	2643
		Group Art Unit	2643
		Examiner Name	Unassigned
Sheet	2	Of	3
		Attorney Docket Number	12624US06

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A4	VALENTE, MICHAEL, Hearing Aids: Standards, Options, and Limitations, Thieme Medical Publishers, Inc.
	A5	SKINNER, MARGARET W., Hearing Aid Evaluation, Remediation of Communication Disorders Series, 1988 by Prentice Hall.
/	A6	STUDEBAKER, GERALD A. and BESS, FRED H., Monographs In Contemporary Audiology, The Vanderbilt Hearing-Aid Report, 1982, pgs. 91-93
/	A7	Audex, The Chaamp, <a href="http://www.audex.com/chaamp.html">http://www.audex.com/chaamp.html</a>
/	A8	Sennheiser Electronic Corporation, EZI 120 Induction Coupler
/	A9	Amplifiers for Cell Phones, Using TTY or Voice Carry Over with Cell Phones
/	A10	Hatis Products- Products: BTE Product Line, Hearing Aid Telephone Interconnect Systems, <a href="http://www.hatiscom/products.shtml">http://www.hatiscom/products.shtml</a>
/	A11	Japanese Advertisement, Panasonic Hearing Aid Accessory
/	A12	ROSS, MARK Ph.D., Telecoil and Telephones, <a href="http://www.hearingresearch.org/Dr.Ross/telecoil_and_telephones.htm">http://www.hearingresearch.org/Dr.Ross/telecoil_and_telephones.htm</a> , pgs. 1-7, April 29, 2003.
/	A13	ROSS, MARK Ph.D., Beyond Hearing Aids, <a href="http://www.hearingresearch.org/Dr.Ross/telecoil_and_telephones.htm">http://www.hearingresearch.org/Dr.Ross/telecoil_and_telephones.htm</a> , pgs. 1-17, April 29, 2003.
/	A14	Hearing Loop, Getting hard of hearing people "in the loop", <a href="http://www.hearingloop.org/">http://www.hearingloop.org/</a> , pgs. 1-2, April 29, 2003.
/	A15	MYERS, DAVID G. PhD., The Hearing Review, The Coming Audiocochlear Revolution, <a href="http://www.assistiveaudio.com">http://www.assistiveaudio.com</a> , pgs. 1-8, April 29, 2003.
/	A16	WILSON, BETH J., Beyond Hearing BTE, Why Don't Cell Phones Work With Hearing Aids, <a href="http://www.geocities.com/Heartland/Prairie/4727/bbhcellemi.htm">http://www.geocities.com/Heartland/Prairie/4727/bbhcellemi.htm</a> , pgs. 1-2, April 29, 2003.
/	A17	BOSWELL, SUSAN, Beyond Hearing BTE, Finding A HAC Cell Phone, <a href="http://www.geocities.com/Heartland/Prairie/4727/bbhcellsurvey.htm">http://www.geocities.com/Heartland/Prairie/4727/bbhcellsurvey.htm</a> , pgs. 1-3, April 29, 2003.
/	A18	BROSMAN, FLOYD WESLEY, Telecoils and the Magnetic Loop, Copyright 2002, <a href="http://www.saywhatclub.com/newletter/jun02/wes.htm">http://www.saywhatclub.com/newletter/jun02/wes.htm</a> , pgs. 1-2, April 29, 2003.
/	A19	REVIT, LARRY, Proper Use of Telecoils: It's As Easy As 1,2,3...4, <a href="http://www.frye.com/library/applcation/larry04.htmml">http://www.frye.com/library/applcation/larry04.htmml</a> , pgs. 1-2, April 29, 2003.
	A20	Pennsylvania SHHH Self Help For Hard of Hearing People, Position on Telecoils, <a href="http://trfn.clpqh.org/shhh/Position/tcoil.htm">http://trfn.clpqh.org/shhh/Position/tcoil.htm</a> , pgs.1-3, April 29, 2003.
	A21	DAVIDSON, STEPHANIE A. and NOE, COLLEEN M., American Journal of Audiology/Vol. 3/ No. 2 July 1994, Programmable Telecoil Responses: Potential Advantages for Assistive Listening Device Fittings, pgs. 1-6, April 29, 2003.

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A22	Hard of Hearing Advocates, Summer Edition, People Working Together for Solutions, September 5, 2002, Telcoils In Hearing Aids in the USA, <a href="http://www.hohadvocates.org/telecoils.htm">http://www.hohadvocates.org/telecoils.htm</a> , pgs. 1-5, April 29, 2003.
	A23	Mutech International Co., Inc., specification P/NO, PH1-BPI, September 25, 2002, 2 pages
	A24	Mutech International Co., Inc., specification P/N YA-180643C, March 8, 2001 2 pages
	A25	Mutech International Co., Inc., specification, Ocotber 1, 2002, 1 page

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